



SHREDDER

OWNER'S/OPERATOR'S MANUAL

Original Instructions

Never allow any child under the age of 16 to operate a DTV

Always wear a helmet, it could save your life!

Read this manual thoroughly!
It contains important safety information.



REV060413

To the Owner

Congratulations on your purchase of the BPG Werks DTV Shredder. This Owner's/Operator's manual will provide you information regarding safe operation, operational instructions, maintenance and care. Fully understanding this manual and following all of the instructions herein will provide the knowledge needed to have safe and enjoyable DTV operation.

For questions regarding operation and maintenance for this DTV, Please email help@bpgwerks.com or call 480-718-8066

Safety - Notice

This DTV is intended for use by operators age 16 or older. Never allow a child to operate this DTV who is under age 16 .

See dealer for instructions and demonstration of proper riding technique.

THIS DTV IS NOT A TOY AND COULD BE HAZARDOUS TO OPERATE. A DTV handles differently from other vehicles including motorcycles, ATV's and cars. A collision or rollover can occur quickly, even during routine maneuvers such as turning, driving on hills and over obstacles.

Reading the Owner's/ Operator's Manual

It is important this manual is read from cover to cover carefully by the DTV owner and all operators. Never allow anyone to operate the DTV without first reading and understanding the Owner's/Operator's manual.

This Owner's/ Operator's manual should be a permanent part of the DTV and should remain with the vehicle at all times. The manual should also remain with the vehicle if sold.

Notice

BPG Werks is concerned about the environment and believes in conserving and protecting all natural resources. For this reason , owners should recycle, trade in, or dispose as appropriate, batteries, oil and tracks.

This manual is based on the latest product information available at the time of publication. BPG Werks has a policy of continually improving its products. Due to improvements, or other changes, there may be some discrepancies. We reserve the right to make product changes at any time, without notice and without incurring any obligation to make the same or similar changes to vehicles previously built or sold.

To emphasize special important information in the manual, please note the following :



This is the alert symbol. The symbol means **ATTENTION!, BECOME ALERT!, YOUR SAFETY IS INVOLVED.**

To emphasize important safety information, the word **WARNING**, with the alert symbol, has special meaning.:



WARNING

Indicates a potential hazard that could result in **SEVERE INJURY** or **DEATH** to the operator, bystander or person inspecting or repairing the DTV.

To emphasize important information, the word **CAUTION** has special meaning.:

CAUTION:

Indicates special precautions that must be taken to avoid damage to the DTV.

To emphasize important information, the word **NOTE** has special meaning.:

NOTE:

Indicates key information to make procedures easier or clearer to understand.



WARNING or CAUTION

The first part will identify a **POTENTIAL HAZARD**.

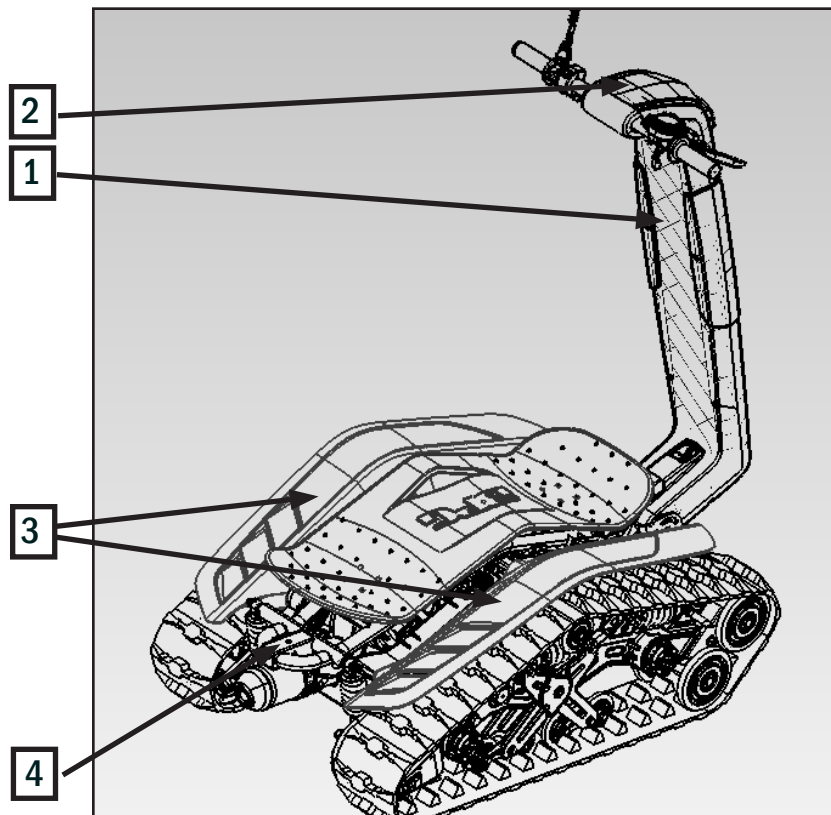
The second part will describe **WHAT COULD HAPPEN** if the warning or caution is ignored.

The third part will describe **HOW TO AVOID THE HAZARD**.

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WARNING LABEL LOCATIONS



SAFETY WARNINGS

Improper DTV use can result in SEVERE INJURY or DEATH



**ALWAYS USE
AN APPROVED
HELMET AND
PROTECTIVE
GEAR**



**NEVER USE
ON PUBLIC
ROADS**



**NEVER CARRY
PASSENGERS**



**NEVER USE
WITH DRUGS
OR ALCOHOL**

NEVER OPERATE:

- at speeds too fast for your skills or the conditions.
- on public roads - a collision can occur with another vehicle.
- with a passenger - passengers affect balance and steering and increase risk of losing control.
- on hills with an incline greater than 30° .

ALWAYS:

- use proper riding techniques to avoid vehicle overturns on hills and rough terrain and in turns.
- avoid paved surfaces - pavement may seriously affect handling and control.
- avoid traversing a hill without advanced skills.
- apply parking brake before starting engine.
- ensure handle is securely locked before riding. Be careful not to press handle lock lever while riding
- **LOCATE AND READ OWNER'S MANUAL**
- **FOLLOW ALL INSTRUCTIONS AND WARNINGS**

- Jumping the DTV could cause loss of control and result in severe injury or death.
- Jumping can also cause damage to the DTV.
- Never perform jumping maneuvers on the DTV, or drop it from any height.

- Long hair or loose clothing can get caught in moving parts below the deck. Restrain hair at or above shoulder length.
- Restrained hair must not interfere with the proper fit of the helmet.
- Securely restrain anything loose that reaches below the deck.
- Guards are supplementary safety devices.
- The restraint of hair and clothing is the primary means of avoiding Entanglement, Death or Injury.



Operating the DTV if you are under the age of 16 increases your chance of severe injury or death.

Never operate this DTV if you are under the age of 16

! Lithium Battery Warning!

Compact Lithium-Polymer battery stored inside front handle cover.

The safety items listed below must be followed otherwise battery may catch fire, explode, or leak, and battery performance and life WILL be compromised:

With battery installed:

- Always follow local or international regulations for safe transportation of Lithium Batteries
- Never pierce the handle cover near the battery or its leads.
- Do not immerse the DTV in water or seawater.
- Do not park the DTV in strong direct sunlight in extremely hot weather
- Never operate the DTV outside the range of -20C to +55C.
- Never store the DTV in temperatures less than -5C or greater than +35C.
- Never store the DTV in conditions greater than 75% relative humidity.

See Owner's Manual for more battery care instructions.

WARNING LABELS

2

OPERATION WARNINGS

Use caution when applying brakes. Avoid using brakes at high speeds. Sudden braking may result in a rollover and personal injury. Always attempt to decrease speed by gradually letting off the throttle first. Sudden release of the throttle may also result in a rollover. Smooth throttle control is paramount to maintaining control of the vehicle.

Never operate this DTV at night or in low light conditions.

3

WARNING



Keep hands, fingers, feet away from sprockets, chains, rollers and track.

4

WARNING



Never touch engine or exhaust after running engine until they have cooled.

SAFETY

Never allow anyone under the age of 16 to operate this DTV.

Always wear an approved helmet. Approved helmets in the USA and Canada bear a U.S. Department of Transportation (DOT) label. Approved helmets in Europe, Asia and Oceania bear the ECE 22.05 label.

Always wear over the ankle boots, eye protection, gloves, long sleeve shirt, long pants, elbow, shin and knee pads while operating this DTV.

Never allow a passenger on this DTV. This DTV is designed for one operator and no passengers.

Never operate this DTV on paved surfaces and/or public roads. Pavement may cause the DTV to become unstable.

Always go slowly and pay attention to unfamiliar terrain. Be alert to changing terrain conditions when operating the DTV.

Never take drugs or alcohol before or during operating this DTV.

Never traverse, climb or go down a hill that has over a 30° maximum incline. Avoid hills with loose or slippery terrain.

Never attempt to traverse a hill until you feel comfortable enough with your riding skill level.

Always follow proper procedures on hills. Follow the instructions in this manual for traversing, climbing or going down hills. Follow the proper instructions located in this manual if DTV is stalled on a hill.

Never attempt wheelies, jumps or any other type of stunts on this DTV. Do not drop DTV from any height.

Always follow the pre-ride inspection procedures and maintenance procedures located in this manual before use.

Always go slow on terrain that is not familiar, be alert, an obstacle could come up unexpectedly.

Always keep both hands on the handlebars and both feet on the Deck, doing so will help the operator be ready for unexpected situations.

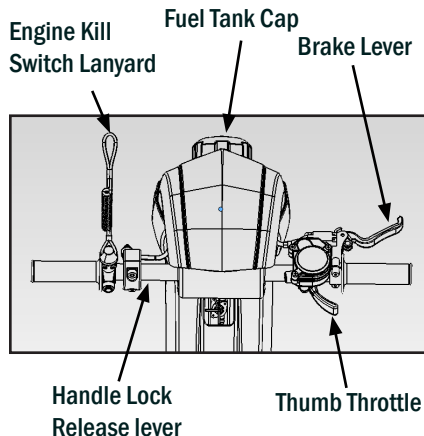
Always follow the proper turning procedures listed in this manual. Practice turning at slow speeds before attempting to turn at faster speeds.

Always apply parking brake before starting engine.

Always insure the handle is securely locked before riding. Be careful not to press handle lock while riding.

Always use caution when applying brakes. Avoid using brakes at high speeds. Sudden braking may result in a rollover and personal injury. Always attempt to decrease speed by gradually letting off the throttle first. Sudden release of the throttle may also result in a rollover. Smooth throttle control is paramount to maintaining control of vehicle.

DESCRIPTION AND PART FUNCTIONS



Brake Lever: Brakes are applied when the brake lever is pulled toward the hand grip.

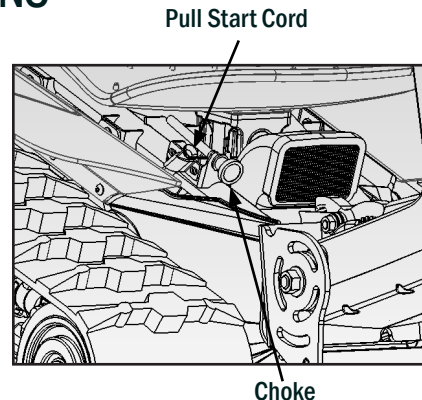
Thumb throttle lever: Throttle is applied by depressing the Thumb Throttle.

Engine Kill Switch Lanyard: The engine will not start and will stall if running, when the Kill Switch Lanyard is removed from the DTV.

Note: Always wear the Lanyard Strap around wrist while operating DTV

Handle Lock Release Lever: Handle can be adjusted when the Handle Lock Release Lever is pulled toward the hand grip.

Fuel Tank Cap: To open the fuel tank cap, turn the cap counter clockwise to remove. To re-install the cap, turn the cap clockwise until snug. Make sure the cap is seated properly .



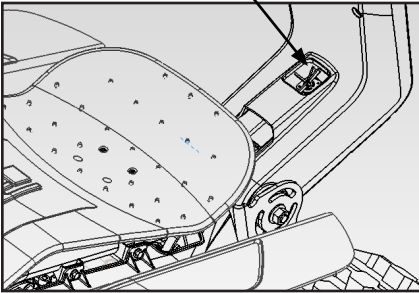
Pull Start Cord: To start the engine, Pull the Pull Start Cord.

Note: Make sure the Engine Kill Switch Lanyard is attached before attempting to start the engine. Engine will not run without the Engine Kill Switch Lanyard attached.

Choke Lever: If the engine is cold, the choke can help start the engine by pulling out the choke lever to the "ON" position. Once engine has warmed up , push in the choke lever to the "OFF" position.

DESCRIPTION AND PART FUNCTIONS

Fuel Petcock



Fuel Petcock: The Fuel Petcock has 3 positions: “OFF”, “ON”, “RESERVE”

Position Locations:

“ON” - 6 oclock

“OFF” - 9 oclock

“RESERVE” - 12 oclock

“OFF” position: Fuel will not flow to the carburetor in this position. Always turn the fuel petcock to the “OFF” position when unit is not in use or is being transported.

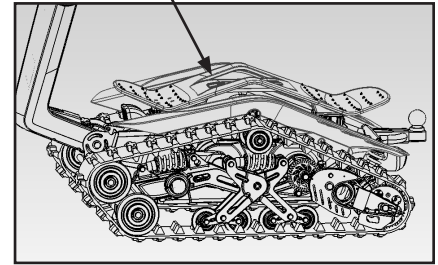
“ON” position: This is the normal operating position. The “ON” position allows fuel to flow from the Fuel Petcock to the carburetor. Turn the Fuel Petcock to the “ON” position when ready to start and ride your DTV.

“RESERVE” position: If engine runs out of fuel when Fuel Petcock is placed in the “ON” position, place fuel Petcock to the “RESERVE” position. Re-fuel as soon as possible. Once re-fueled, make sure to place the Fuel Petcock back to the “ON” position.

NOTE:

ONLY use “RESERVE” if and when the DTV runs out of fuel. Make sure to switch back to “ON” after refueling. Running for extended periods of time on “RESERVE” can lead to fuel line blockages.

Deck



Deck: The deck provides steering of the DTV by shifting body weight left or right

FUEL AND OIL

FUEL

Never use leaded gasoline in this product. It could affect the engine's emissions and damage the engine. This DTV requires clean unleaded regular gasoline. Use premium high-octane fuel due to the high compression ratio. Use 91 on the AKI scale (USA) or 95 on the RON scale (rest of world).

Gasoline/ Ethanol blends

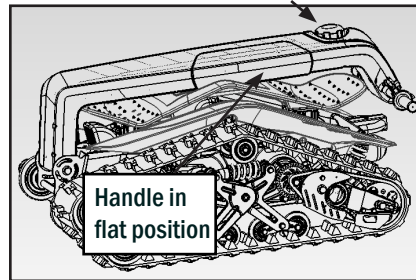
A blend of unleaded gasoline with Ethanol, also known as GASOHOL, at or below 10% (E10) can be used in your DTV. Ethanol greater than 10% can damage your engine and will void your warranty.

Gasoline/Methanol Blends

A blend of gasoline with Methanol of 5% or less can be used in your DTV. Do not use gasoline, under any circumstances, containing more than 5% Methanol, doing so will damage your engine and will void the warranty.

Before fueling, place the DTV Handle in the Horizontal (flat) position. Fill the DTV with fuel up to the bottom of the filler neck.

Fuel Filling



⚠ WARNING

Overfilling the fuel tank can cause the fuel to expand which can cause overflow due to the heat from the engine or sun.

Spilled fuel can catch fire.

Always fill the fuel tank with the handle in the horizontal (flat) position. Never fill the fuel tank above the bottom edge of the filler neck.

⚠ WARNING

Fuel and fuel vapor are highly flammable and toxic. You can be burned or poisoned while refueling. Before refueling make sure to follow the procedures listed:

- 1 Shut off engine, Make sure there are no flames, sparks or heat sources close by.
- 2 Refuel only outdoors in a well ventilated area.
- 3 Do not smoke while refueling.
- 4 Wipe up any spills immediately.
- 5 Avoid breathing any fuel vapors.
- 6 Keep children and pets away.

ENGINE OIL

The recommended oil for this DTV is 5W-30 Full synthetic oil.

Full synthetic oil is necessary for engine life due to the high rotation speeds of the engine.

Quantity of oil - 600 ml (.63 qt.)

Battery Type: 12V Li-Po

Operating temperature range: -20C to +55C

Storage conditions: -5C to +35C, and less than 75% relative humidity

WARNING

The battery can catch fire, explode or leak if the safety items listed below are not followed:

- Do not immerse the battery in water or seawater. Keep the battery in a cool dry environment during storage.
- Do not mix the battery with a different type (such as dry battery) or a battery with different performance characteristics altogether.
- Keep all batteries out of the reach of children. Consult a doctor immediately if battery or electrolyte is swallowed.
- Do not use or leave the battery near a heat source such as a fire or heater.
- When re-charging, use the battery charger specifically for that purpose.
- Do not reverse the positive (+) and negative (-) terminals.

BATTERY

- Do not connect the battery to an electrical outlet.
- Do not dispose the battery in fire or heat.
- Do not short-circuit the battery by directly connecting the positive (+) and negative (-) terminals with metal objects such as wire.
- Do not transport or store the battery together with metal objects such as necklaces, hairpins etc.
- Do not strike or throw the battery against a hard surface.
- Do not directly solder the battery
- Do not pierce the battery with a nail or sharp object.
- Never disassemble the battery in any way.

CAUTION

- Do not use or leave the battery at a very high temperature (for example, in strong direct sunlight or in a vehicle in extremely hot weather). Otherwise the battery can overheat catching fire or its performance will degenerate and its service life will be shortened.

- Do not use in a location where static electricity is prevalent, otherwise the safety devices may be damaged, causing a harmful situation.
- If electrolyte gets into eyes due to leakage of battery, do not rub the eyes! Rinse eyes with clean running water, and seek medical attention immediately . Otherwise it may injure eyes or cause loss of sight.
- If the battery gives off an odor, generates heat, becomes discolored or deformed, or in any way appears abnormal during use, recharging or storage, immediately remove it from the device or battery charger and place it in a contained vessel such as a metal box.
- If battery terminals are contaminated, clean the terminals with a dry cloth. Otherwise power failure or charge failure may occur due to poor connection between the battery and the electronic circuitry.
- Be aware, discarded batteries may cause fire. 100% discharge the battery and tape the battery terminals to insulate them before disposal.

BREAK - IN

Break in period

The initial 5 hours of operation is most important in the life of your DTV. Proper operation during this break in period will help assure maximum life of your DTV engine.

The following guidelines will explain the proper break in procedures.

1. During the first 5 hours of operation, do not apply more than 1/2 throttle.
2. During the next 5 hours of operation do not apply more the 3/4 throttle

Vary the engine speed

Make sure to vary the engine speed during the break in period, this allows the engine to load and unload which helps the parts to seat properly. It is essential to place some stress on the engine during the break in process, however, too much

stress could cause damage to the engine components. Be careful not to load the engine too much.

Allow oil to circulate before riding

Allow the DTV engine to warm up before riding. This allows the oil to circulate throughout the engine which lubricates the components.

Observe your initial and most critical maintenance service

The initial service(break in maintenance) is the most important service for your DTV. During the break-in time frame, all of the engine components will have mated together and seated. Maintenance required as part of the initial service includes correction of all adjustments, tightening of all fasteners and replacement of dirty oil. Timely performance of this maintenance will help make sure your DTV will have the best service life and performance of the engine.

Inspecting and checking the condition of the DTV before each ride is important. Following the pre-ride check list will help insure the you do not have mechanical problems which could result in injury or becoming stranded. Make sure the DTV is in good operating condition before each ride.

WARNING

Failing to inspect and maintain your DTV could be hazardous.

Not following the pre-ride inspection procedures could result in losing control of the DTV resulting in an accident or damage to the DTV

Always perform a Pre-ride inspection before each ride.

PRE-RIDE INSPECTION

WARNING

Performing maintenance and checks while the engine is running could be hazardous.

You could be severely injured by moving parts or hot surfaces.

Never perform maintenance or check procedures while the engine is running with the exception of checking the engine stop switch or throttle.

WHAT TO CHECK	CHECK FOR
Steering	<ul style="list-style-type: none"> • Smoothness • No restriction of movement
Brakes	<ul style="list-style-type: none"> • Brake pad wear. • Proper brake lever play

Tracks	<ul style="list-style-type: none"> • Check for exposed and frayed reinforcement threads as well as cracks
Fuel Tank	<ul style="list-style-type: none"> • Enough fuel for the ride • Fuel cap secure • Hoses have no signs of cracks or leaks
Thumb Throttle	<ul style="list-style-type: none"> • Thumb Throttle snaps back to idle when released • Operates freely • Has correct free play
Engine Stop Switch	<ul style="list-style-type: none"> • Switch shuts off engine when activated.
Engine Oil	<ul style="list-style-type: none"> • Correct oil level
Drive Chain	<ul style="list-style-type: none"> • Proper tension • Lubricated • No excessive wear or damage
General Condition	<ul style="list-style-type: none"> • All nuts and bolts tight • No rattles from engine or frame while running

RIDING THE DTV

WARNING

Carrying a passenger on this DTV could be hazardous

Carrying a passenger could cause loss of control resulting in severe injury or death to the operator and/or the passenger.

This DTV is designed for one operator and no passengers. Never allow a passenger.

WARNING

Riding this DTV on any public road or highway could be hazardous.

You could collide with another vehicle if you ride on public roads or highways resulting in severe injury or death.

Never ride on public roads and highways.

WARNING

Riding this DTV on paved surfaces could be hazardous.

Riding on paved surfaces , including parking lots, sidewalks, driveways and streets can cause loss of control resulting in severe injury or death. DTV Tracks are designed for off-road use only, paved surfaces adversely affect handling and control.

Avoid riding DTV on paved surfaces. If you must cross a paved surface, go slow and do not make sudden turns or stops.

WARNING

Operating this DTV in a irresponsible manner which includes jumping, doing wheelies or other stunts could be hazardous.

Jumping, doing wheelies or other stunts could result in loss of control of the DTV resulting in severe injury or death.

Never attempt stunts, such as jumping or doing wheelies.

RIDING THE DTV

HELMET, EYE PROTECTION, PROTECTIVE CLOTHING

Helmet

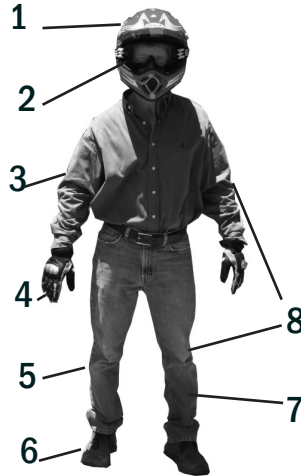
Wearing a helmet (1) can prevent a severe head injury. Whenever riding a DTV always wear a helmet that meets or exceeds established safety standards.

Approved helmets in the USA and Canada bear a U.S. Department of Transportation (DOT) label. Approved helmets in Europe, Asia and Oceania bear the ECE 22.05 label. The ECE mark consists of a circle surrounding the letter E, followed by the distinguishing number of the country which has granted approval. The approval number and serial number will also be displayed on the label.

Always wear shatter proof eye protection when riding a DTV such as a face shield or goggles (2). While riding a DTV you can be hit in the eyes by any of the following: dust, branches, rocks, debris from other riders, bugs, etc. Good eye protection as well as a helmet and protective riding gear should be mandatory when riding a DTV.

Wear protective clothing: Long sleeve shirt (3), Gloves (4), Long pants (5), over the ankle boots (6), shin pads (7), elbow and knee pads(8).

Riding an DTV exposes the rider to many hazards, wearing protective clothing can help protect the rider from injury.



⚠ WARNING

Riding a DTV without a helmet, eye protection, and protective clothing can be hazardous

Riding a DTV without a helmet increases the chance of severe head injury or death in the event of an accident.

Riding a DTV without eye protection such as a face shield or goggles could result in severe injury in the event of an accident.

Riding a DTV without protective clothing; over the ankle boots, long pants, gloves, long sleeve shirt, elbow and knee pads could result in severe injury in the event of an accident.

Always wear a Helmet, eye protection, long pants, long sleeve shirt, over the ankle boots, gloves, elbow and knee pads when riding a DTV

RIDING THE DTV

STARTING ENGINE

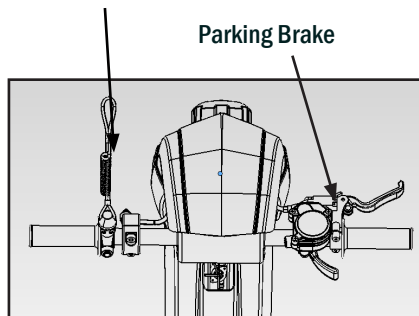
To start the engine

1. Set the parking brake.
2. Make sure the Engine Stop Switch Lanyard is attached before attempting to start
3. Place the Fuel Petcock to the "ON" position
4. If engine is cold, place the choke lever to the "ON" position (pulled out).

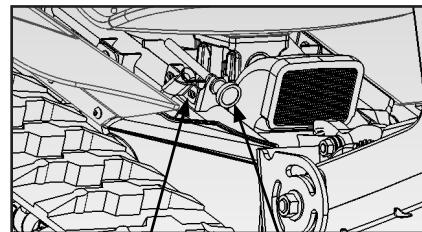
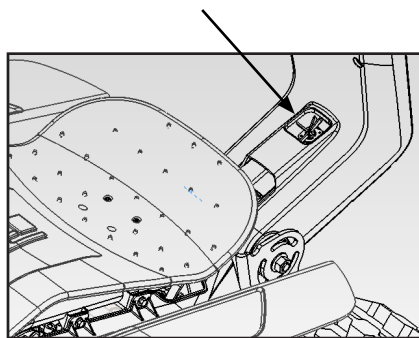
Note: If the engine is already warm the choke may not be needed.

5. Pull the Pull Start Cord
6. Once engine has warmed up for a few minutes, place the choke to the "OFF" position (pushed in).

Engine Stop Switch Lanyard



Fuel Petcock



Pull Start Cord

Choke

⚠ WARNING

Starting or running the DTV in an enclosed area such as a garage or shed where there is no ventilation is hazardous

Inhaling exhaust fumes from the DTV can cause severe injury or death

Never start or run the DTV in an enclosed environment where there is no ventilation. Always start and run outdoors.

RIDING THE DTV

STARTING OFF

1. Allow the engine to warm up approximately 3 minutes before starting off.
2. Release the parking brake.
3. Gradually give the DTV throttle.

WARNING

Depressing the thumb throttle to full throttle when starting off could be hazardous.

The DTV could lurch forward causing the DTV to Flip backwards causing loss of control.

Always open the throttle gradually when taking off from a stopped position.

WARNING

Operating this DTV at excessive speeds could be hazardous.

Riding at excessive speeds increases your chances of losing control of the DTV, which could result in severe injury or death.

Always go at a speed that is proper for the terrain, visibility, operating conditions, operator skill, and operator experience. Always know the terrain before riding.

WARNING

Removing hands from the handlebars and/or feet from the Deck while operating the DTV could be hazardous.

Removing both or one hand from the handlebars and/or feet from the Deck could result in loss of control of the DTV resulting in severe injury or death.

Always ride with both hands on the handlebars and both feet on the Deck while operating the DTV.

RIDING THE DTV

TURNING

DTVs are different than many other types of vehicles in that turning is controlled by the weight of the rider shifting right or left.

Steps for proper turning: Practice these steps on a flat, level, obstacle free surface.

1. Let off the throttle to slow down before a turn. The vehicle decelerates very quickly on its own due to the resistance of the tracks. Use brakes if necessary. Decelerating during a turn can easily cause a loss of balance and control, so make sure to slow down prior to turning .
2. Once slow enough to make the turn, move body weight to the inside of the turn.
3. Look into the direction of the turn while shifting weight to the inside of the turn.
4. Once turned in the proper direction shift body weight back to the center of the Deck.

FOR HIGHER SPEEDS OR SHARPER TURNS
Depending on the speed going into a turn, the rider will need to adjust body weight accordingly. For faster speeds the rider will need to shift more body weight to the inside of the turn. The important factor in turning is doing so under control. Make sure the capabilities of the rider can match the maneuver. Practice turning on a obstacle free dirt surface.

WARNING

Improper turning techniques could be hazardous

The DTV could roll over or the rider could be thrown from the DTV which could lead to severe injury or death.

Follow the turning steps listed in this owner's manual, practice turning at slow speeds on a flat obstacle free dirt surface.

WARNING

Braking while turning could be hazardous.

Braking while turning could cause the DTV to roll over or slide into an object which could result in severe injury or death.

Before making a turn, slow down and release the brake.

RIDING THE DTV

RIDING ON HILLS

Climbing a hill

1. Stop and evaluate the hill before attempting to climb. Make sure the hill is not too steep, the terrain is not loose or slippery and that there are no obstacles.
2. Approach the hill at a steady speed and maintain speed throughout the climb.
3. Shift body weight forward during the climb.
4. Adjust the angle of the handle forward using the handle lock release lever (page 5).
5. When approaching the top of the hill, slow down.

If it is determined that the DTV will not make it to the top of the hill:

1. Do not try to turn the DTV around while riding and come back down, this could cause the DTV to roll over. Instead, once the DTV has stopped, dismount the DTV while applying the brake

2. Stand beside or behind the DTV, lower the handle enough to reach the hand controls, keep one hand ready to apply the brakes and use the throttle gently to drive forward.

WARNING

Riding a DTV on hills could be hazardous

Riding a DTV on a hill could result in rolling over while traversing, flipping over backwards while climbing, flipping over while descending, general loss of control of the DTV. Any of these accidents on a hill could result in severe injury or death.

Never operate a DTV on steep hills, never operate a DTV on any hill that is above the riders ability to do so. Practice riding the DTV on small hills using the hill riding techniques listed in this owner's manual.

RIDING THE DTV

Descending a hill

To operate the DTV down a hill, follow the instructions below.

1. Stop and evaluate the hill before attempting to descend. Make sure the hill is not too steep, the terrain is not loose or slippery and that there are no obstacles.
2. Do not go down the hill on a sharp angle, this could cause the DTV to flip over. Instead, go straight down the hill.
3. Place body weight to the rear of the DTV.
4. Adjust the angle of the handle backward using the handle lock release lever (page 5)
5. Drive downhill slowly. Apply just enough throttle to keep the clutch engaged. This will allow engine compression to help slow the machine and prevent the DTV from rolling freely downhill.

Traversing a hill

Traversing is an advanced maneuver due to the fact that leaning uphill also causes uphill steering simultaneously. Only attempt traversing with the recommended safety gear, and after you feel comfortable enough with your riding skill level.

Riding over obstacles

You are almost certain to meet obstacles on most trails, if you meet an obstacle that is too large, turn the DTV around and do not attempt it. If an obstacle is not too large and you have the knowledge and ability (knowing the proper technique), you can cross it by applying the following steps:

1. Go slow while approaching the obstacle.
2. Right before the obstacle give the DTV some throttle and pull back on the handlebars so the tracks go up over the Obstacle.
3. Keep going slowly until the rear of the track clears the obstacle.

WARNING

Traversing a hill improperly could be hazardous.

Traversing a hill improperly could result in losing control and flipping the DTV over. This could result in severe injury or death.

Never attempt to traverse a hill that is too steep or has loose or slippery terrain. Always follow the riding techniques listed in this manual for traversing a hill. Never attempt to traverse a large hill without first practicing on a small hill.

WARNING

Riding over large obstacles could be hazardous.

Riding over large obstacles could cause loss of control and cause the DTV to turn over which could result in severe injury or death.

Never attempt to ride over large obstacles, such as large rocks or fallen trees. Always make sure to follow the instructions in this manual when riding over obstacles.

RIDING THE DTV

Skidding or Sliding

In certain situations you may experience skidding or sliding even though the brakes are not applied. Follow the riding techniques listed below to regain control. Tracks begin to slide or skid:
To regain traction, let off the throttle until control of the DTV is achieved

Riding through water

Riding through water can be hazardous, and can cause damage to the DTV engine if it is fast moving and/or too deep. Make sure the water your are riding through is shallow and is not more than 10cm (4in) deep. Make sure you are traveling slow as to not allow water to enter the Air Box Scoop. Before crossing any water look at the terrain entering and exiting the water, the terrain should have a gradual slope with no obstacles. The bottom of the river or pool of shallow water should be hard. If you do not know the terrain or are not sure about the bottom of the pool or river, do not attempt to enter.

Remember to protect the environment, do not enter a river or pool of water if doing so could damage the river bank or shore line.

Brakes need to be inspected, cleaned and replaced more often if DTV is used in muddy, wet or sandy conditions. Inspect the DTV brakes regularly, have a service center clean or replace as needed.

WARNING

Riding this DTV through fast or deep water could be hazardous;

Deep or fast moving water could cause the DTV to loose traction resulting in loss of control which could lead to severe injury or death.

Never operate this DTV in water that is more than 10cm (4in) deep. Never operate this DTV in fast moving water.

Always check brakes after riding through water, wet brakes can reduce stopping ability.

Make sure brakes are dried out. The brakes can be dried out from friction by applying the brakes multiple times.

WARNING

Applying the brake hard on slippery surfaces could be hazardous.

Applying the brake too hard on a slippery surface can cause the Track to lock up and the DTV to slide out of control. The DTV could turn over or slide into an object. This could result in severe injury or death.

Gently apply the brakes when on a slippery surface.

WARNING

Skidding or sliding of the DTV could be hazardous.

Skidding or sliding could result in the DTV sliding into an object or overturning suddenly by regaining traction resulting in severe injury or death.

Practice controlling skidding or sliding by following the instructions in this manual. Practice on a flat level dirt surface. Some surfaces are extremely slippery such as Ice and snow. On these types of surfaces, go slow, and use caution.

RIDING THE DTV

Riding in cold weather Proper clothing

Riding in cold weather can be hazardous. The body becoming exposed to cold weather for a short period of time can result in hypothermia. When the body temperature drops below normal hypothermia sets in. Symptoms include not being able to perform complex tasks with the hands. The hands become numb along with the other extremities such as arms, legs and feet. Breathing becomes quick and shallow. These are just a few of the symptoms of hypothermia. Familiarize yourself with hypothermia symptoms, treatment and prevention by gaining information through the library or governmental agencies.

When planning and preparing for a ride in cold weather:

Plan for and dress for the worst weather conditions. Plan for breakdowns.

Wear warm water resistant clothing such as a snowmobile suit, lined boots, wool socks, coat, warm gloves, warm hat, face protection.

WARNING

Riding an DTV in cold weather could be hazardous.

Becoming too cold in cold weather could result in hypothermia. Hypothermia is a condition where the body temperature drops low enough to cause injury or death.

Never operate a DTV in cold weather without proper clothing. Be prepared for breakdowns and bad weather.

WARNING

Wearing loose clothing while riding your DTV could be hazardous.

Loose clothing, such as a long scarf or shawl, could get caught in a DTV's moving parts.

Never wear loose clothing when riding your DTV.

RIDING THE DTV

Riding in cold weather Pre-ride inspection

Brake and throttle linkages:

Cold weather requires additional pre-ride inspection of the DTV before riding. Inspect brake and throttle linkages making sure they operate freely and correctly. Ice and snow can cause these items to freeze. If the linkages are frozen, move the DTV to a warm area until these items thaw and work properly.

Frozen tracks:

Check to make sure the DTV tracks are not frozen to the ground, if they are, pour warm water around the tracks to release. Do not attempt to break the DTV loose using engine power, this could damage the engine and drive train.

Brake inspection:

Start engine and allow to warm up. Check the braking ability of the DTV by applying the brakes on level ground while traveling at a slow (walking rate) of speed.

Make sure brakes work properly.

If the brakes do not work, take the DTV to a warm area to thaw out. Once brakes are thawed, check again for proper operation, if they still do not work, take the DTV to a authorized service center. Do not attempt to ride the DTV with brakes that do not work correctly.

Preventive maintenance in cold weather riding is important, after riding in cold weather with snow, slush, water or ice, dry off the DTV including brake and throttle linkages. Apply the brakes several times making sure that the friction has dried off the brake pads and shoes. Cover the DTV with a protective cover so ice and snow cannot accumulate .

WARNING

Riding the DTV with wet or frozen brakes could be hazardous.

Wet or frozen brakes will increase stopping distance which could result in loss of control which could result in severe injury or death.

Always inspect the brakes before each ride by following the procedures in this manual.

CAUTION

Using engine power to release tracks that are frozen to the ground could damage DTV.

Damage to engine and drive train may occur if attempting to use engine power to free frozen tracks.

Always make sure tracks move freely before starting the DTV in cold weather.

RIDING THE DTV

Riding on snow and ice

Be sure to clear the deck and soles of your boots of excess snow and ice before riding.

Practice riding the DTV on snow and ice on a flat, obstacle free, familiar area. Learn how the DTV responds in these conditions before attempting to ride on any ice or snow covered trails. Go slow and practice turning and responding to sliding and skidding as explained in this owner's manual.

Snow and icy sunny conditions are extremely bright, wear shaded eye protection such as a tinted face shield or goggles to help protect your eyes from the harmful rays of the sun. This will also will help you see better.



WARNING

Riding on a frozen lake or river could be hazardous.

The ice on a frozen lake or river could break causing the DTV to fall through which could result in severe injury or death

Always check the thickness of the ice by consulting with local authorities on ice conditions



WARNING

Riding on terrain that is covered with snow could be hazardous.

Terrain covered with snow can hide obstacles such as holes, large rocks, logs etc. Running into one of these obstacles could result in loss of control which could result in severe injury or death.

Always go slow when riding over snow covered terrain, be alert to changing terrain.

RIDING THE DTV

Load Guidelines

Load guidelines including accessories:

Never exceed the maximum load capability of the DTV. This includes the weight of the rider and any cargo. This DTV is rated at 250 lbs. (113.5kg).

Do not add any accessory or cargo to the handlebars that could impede vision or make the DTV harder to steer.

Make sure accessories do not get in the way of any controls of the DTV.

Only carry cargo that is not bulky or too heavy.

Make sure all cargo is held securely in place, loose cargo can become a hazard.

While carrying cargo, go slow. Cargo can adversely affect handling at higher speeds

Allow plenty of distance to stop while carrying cargo, The more weight on the DTV, the longer distance it will take to stop.

After Market parts

After market parts and accessories may be available from other manufactures. BPG Werks cannot confirm the quality, safety or suitability of accessories available. When purchasing an accessory, use caution, the handling of the DTV could become affected. Some accessories may make the DTV unsafe to ride. If you have a question about a modification or accessory, contact your dealer or call BPG Werks.

WARNING

Riding this DTV with modifications or adding accessories could be hazardous.

Modifications to the DTV, including adding accessories, could adversely affect the handling of the DTV causing an accident which could result in severe injury or death.

Never Modify this DTV in anyway, including adding accessories, unless the modification is a genuine certified modification or accessory approved by the manufacture. Never modify the DTV with improper installation. Make sure to follow all instructions recommended in the certified modification. Use only genuine parts. For questions, contact your dealer.

MAINTENANCE

For maintenance, your DTV may be maintained by an authorized BPG Werks service dealer or a repair shop of your choosing.

Following the proper maintenance procedures and time table for maintenance listed in this manual is important for the safety of the rider and the life span of the DTV. When riding in harsh conditions, such as water, mud and dust, the maintenance procedures should be performed more often.

WARNING

Failing to perform the recommended maintenance on this DTV could be hazardous.

Failing to perform proper maintenance on this DTV could result in an accident

Always perform the recommended maintenance for the DTV as listed in this manual.

WARNING

Performing maintenance and inspection while the engine is running could be hazardous.

Performing maintenance and inspection while the engine is running could result in getting body parts or clothing caught in moving parts, or could result in touching hot items which could result in severe injury.

Shut off engine while performing maintenance and inspection checks, with the exception of checking the engine stop switch and throttle.

CAUTION

Failing to perform recommended maintenance on this DTV could damage the DTV engine and components

Always perform the recommended maintenance on this DTV as listed in this manual.

Maintenance will need to be performed more often if ridden in wet, muddy or dusty conditions.

CAUTION

Failing to use compatible parts with the original replacement parts could damage DTV.

Using parts that are of low quality could result in DTV breakdowns and reduce the useful life of the DTV.

Never use parts that are not compatible with the original parts.

MAINTENANCE CHART

MAINTENANCE CHART				
ITEM	First 5 hours of operation	First 20 hours of operation or 1 month	Every 50 hours or 3 months	Every 100 hours or 6 months
Exhaust pipe nuts and muffler bolts	T	T	T	
Air cleaner element	I	I	I	
Valve Clearance**		I		I
Spark Plug		I	I	R
Fuel Line		I	I	
Idle speed		I	I	
Throttle cable play		I	I	
Engine oil	R	Oil should be checked after every 5 hours of use and topped up if necessary. It should be replaced every 20 hours.		
Drive Tracks	Inspect drive Tracks before each ride to ensure they're free of cracks, tears or debris.			
Brakes	I	I	I	
Brake hose	I	I	I	
Brake fluid**	If brake lever feels spongy, add DOT4 fluid			
Brake lever free play	I	I	I	
Chain	I	I	I	
Steering	I	I	I	
Suspension system	I	I	I	
Chassis nuts and bolts	T	T	T	
Valve cover and air box drain tubes	Check and empty if req'd the valve cover and air box drain tubes			

NOTE: I = INSPECT AND CLEAN, ADJUST, REPLACE OR LUBRICATE AS NECESSARY, R=REPLACE, T = TIGHTEN

** Recommended to be performed by an authorized service center or service

MAINTENANCE

Air Filter

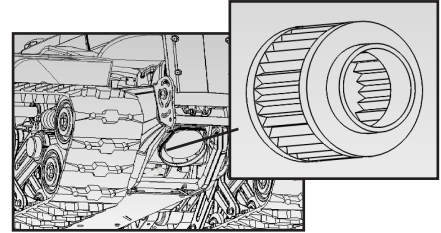
The Air Filter needs to be cleaned or replaced periodically (see maintenance chart for cleaning/replacement intervals). The Air Filter element will need to be cleaned more often if DTV is ridden in muddy, wet, or dusty conditions. A clean Air Filter will help the DTV run at peak performance allowing better gas mileage, more power and will protect the engine from the damaging effects of dirt entering the engine.

Air filter removal, inspection and cleaning instructions

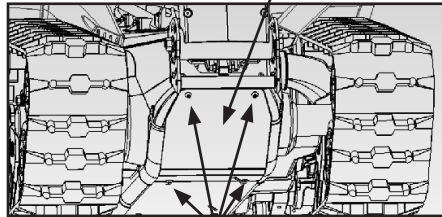
1. The Air Filter is located behind the front Skid Plate. To access the Air Filter housing, remove front Skid Plate.
2. Remove Air Filter access cover.
3. Remove Air Filter
4. Inspect Air Filter. If damaged, replace.

5. To clean Air Filter, tap gently on a hard surface to loosen and remove dirt and debris. Use compressed air to blow from the inside out any excess debris.

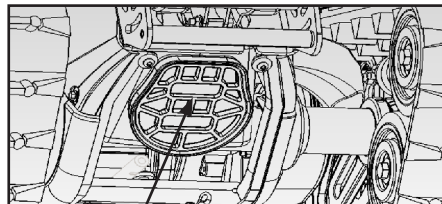
Note: Using too high of air pressure while blowing out the filter could cause damage to the filter element.



Front Skid Plate



Front Skid Plate screws



Air Filter access cover

CAUTION

Clean Air Filter frequently if DTV is driven in wet, muddy or dusty conditions.

Driving in the above conditions without cleaning frequently can plug up the air filter which can cause poor gas mileage, low power and damage to the engine.

Spark Plug

This DTV comes equipped with an NGK BPR5ES spark plug.

To inspect the spark plug, remove the plug cap then remove the spark plug from the engine.

Inspect the plug for carbon deposits and clean if necessary. If plug shows excessive carbon, replace the plug.

CAUTION

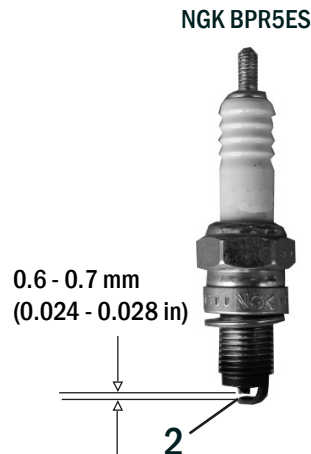
Dirt can damage the engine if it enters the spark plug hole.

Make sure the spark plug hole is covered after removing plug.

MAINTENANCE

Use a thickness feeler to inspect the spark plug gap (2). The spark plug gap should be 0.6 - 0.7mm (0.024 - 0.028 in.)

Re-install the inspected plug or new plug until finger tight. Finish tightening plug with a wrench. If the plug is a new plug, tighten approximately 1/2 turn more with the wrench. If plug is an old plug, tighten approximately 1/8 turn more with a wrench.



MAINTENANCE

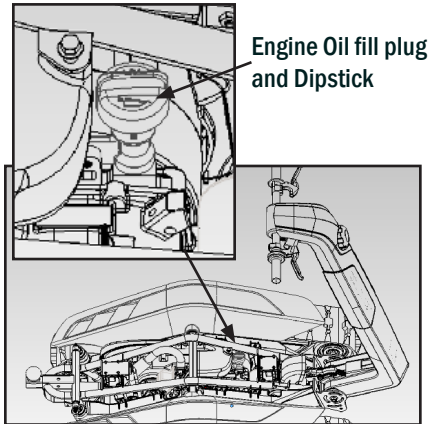
Engine Oil

The proper amount and grade of engine oil will have a great impact on the life of the engine. Check the oil daily. Changing the engine oil as listed in the maintenance schedule is the most important maintenance procedure there is for the engine.

Checking the engine oil

1. Make sure the DTV is on level ground.
2. Check engine oil level by looking at the Dipstick . If oil is below the (L) level on the Dipstick, add oil.
3. If engine oil is low (L), add oil until oil is at the Full mark (H) on the Dipstick Use the correct grade of oil as listed in this manual. To avoid damage to the engine, do not over or under fill with oil.

Changing the engine oil

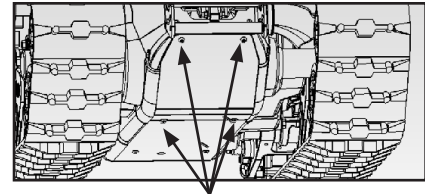


Engine Oil fill plug and Dipstick

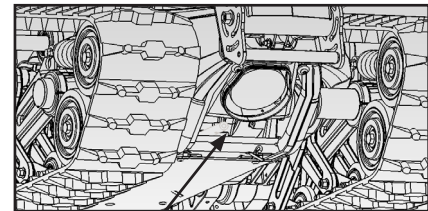
1. Start engine and run for a short period of time to allow the engine oil to warm up. A warm engine will help oil drain quicker.
2. Remove front skid plate to gain access to the oil drain plug.
3. Remove Oil Drain Plug.
4. Allow the oil to drain in an appropriate container. Note: Dispose of oil at an oil recycle center.

5. Install the drain plug and fill with the appropriate type of oil as listed in this manual. This DTV takes 600 ml (.63 qt) of 5w-30 full synthetic engine oil.

6. Re- install fill cap, Start engine and allow to run for a few minutes, Re-check oil level and fill accordingly.



Front Skid Plate screws



Engine Oil Drain

MAINTENANCE

Idle speed adjustment

The idle speed should be set at 2000 ± 200 RPMs

To adjust the idle speed:

1. locate the idle adjustment (silver finger knob) located on the Right hand side of the vehicle just under the deck.
2. Allow the engine to warm up approximately 10 minutes
3. With the engine running, turn the idle adjustment knob in or out at small increments until the correct idle is achieved.

Note: A service center can perform this adjustment . A diagnostic tachometer is required for this adjustment.

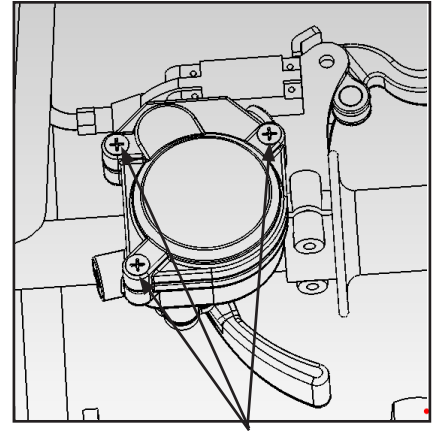
Throttle Cable adjustment

The thumb throttle (2) should have 2.0 - 4.0mm (0.08 - 0.16) of free play.

Throttle cable adjustment:

1. Remove throttle lever housing top cover (3 screws).
2. Loosen cable clamp screw (not shown).
3. Use pliers to pull cable tight and simultaneously tighten cable clamp screw.
4. Check throttle lever action before replacing housing top cover

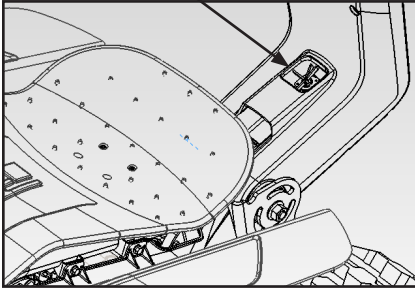
Note: Make sure throttle snaps back to idle when throttle lever is released.



Throttle Lever housing screws

MAINTENANCE

Fuel Hose



Fuel Hose Inspection

Inspect the fuel hose for any cracks or leaks and make sure all clamps are in place. Replace the fuel hose if any defects are found.

Brakes

This DTV is equipped with hydraulic disk brakes.

Brake Fluid

The brakes are hydraulic and require special tools to fill the lines. If brake pressure needs to be increased see dealership for service.

Valve Clearance

Adjusting the valves should be done by an authorized service center or comparable servicing dealer. Proper valve gap will help DTV to run at peak performance. Follow the valve gap adjustment intervals listed in the maintenance chart.

Proper Valve Clearance

Intake: 0.002 in (0.05mm)

Exhaust: 0.003 in (0.0762mm)

WARNING

Failing to inspect the brakes before each use could be hazardous

Inspect brakes before each use according to the Pre Ride inspection chart, make sure to follow the maintenance schedule and procedures.

MAINTENANCE

Chain and Sprocket

Sprocket Wear Diagram



Chain and sprocket inspection

Inspect the drive chain for wear, rust, bound links, proper lubrication and proper tension.

If the drive chain has a problem correct or replace. Contact a service center for chain replacement.

A worn drive chain could also mean the sprockets may be worn.

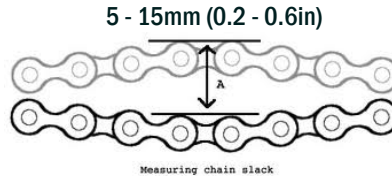
Look for the following on the sprockets:

Worn teeth

Broken or damaged teeth

Loose sprocket mounting nuts.

If the sprocket shows signs of wear, contact a service center for replacement.

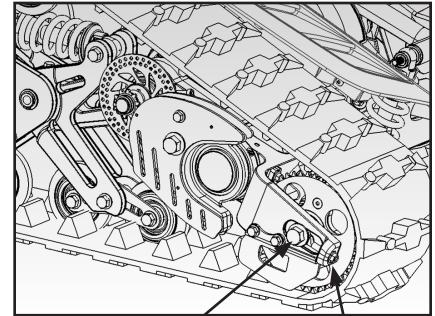


Chain Tension

Check the tension of the chain , The Chain slack should be 5 - 15mm (0.2 - 0.6in)

Chain tension (slack) adjustment

1. Loosen the rear axle bolt
2. Adjust chain tension by turning the chain tension nut. Clockwise will tighten the chain. Counter clockwise will loosen the chain.
3. Once the chain is at the correct tension re-tighten Axle bolt (see torque spec chart)
4. Re-check chain tension.



Rear Axle Bolt

Chain Tension Nut

Chain lubrication

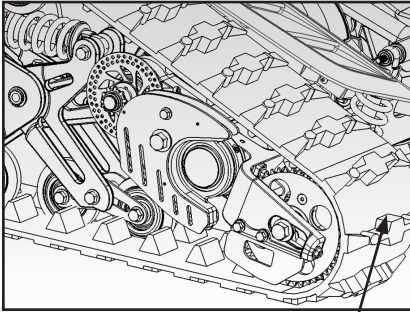
Lubricating the Chain before each ride will help to ensure maximum life of the Chain and sprocket.

Instructions for cleaning and chain lubrication

1. Clean chain with a chain cleaner
2. Lubricate chain with chain lube before each ride.

MAINTENANCE

Tracks



Track

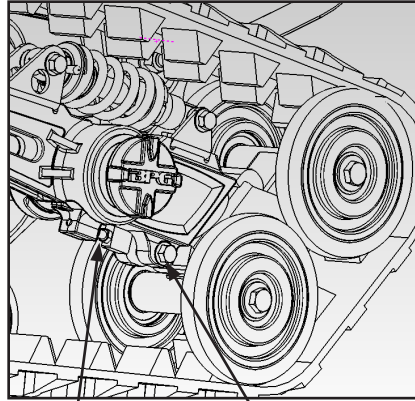
Track Inspection

Inspect Tracks before each ride for cracks or frayed threads.

⚠ WARNING

Operating this DTV with excessive cracks or frayed threads in the tracks could be hazardous.

Operating this DTV with worn tracks will reduce traction which could result in an accident.



Track tension
adjustment screw

Front swingarm track
clamping bolt

Track Tension - Adjustment

1. Loosen track clamping bolt
2. Adjust track tension with adjustment screw
3. Tighten clamping bolt

Track Cleaning/Lubrication

To reduce the rolling friction of the tracks they should be cleaned and lubricated on the inside after use using a common automotive “tire shine” spray-on product.

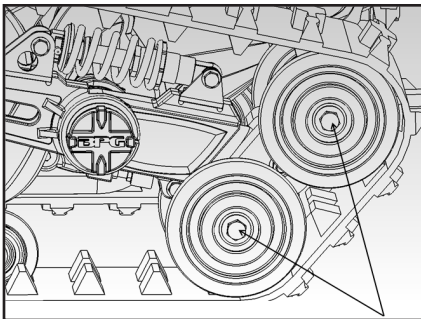
MAINTENANCE

Track Replacement

Track replacement

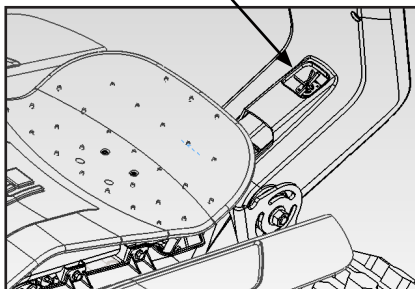
If a track derails while riding use the following procedure to replace it:

1. Remove the two front outside bogie wheels (remember to pull straight on the wheel so the bearing doesn't jam on the shaft)
2. shut the fuel off at the petcock and tip the machine on its side.
3. Place track back in position ensuring it is fully engaged in the drive sprocket and in the correct position around the upper and lower bogie wheels. Then push the track over the front bogie wheels. Rotating the track can help the track slide on more easily. Replace the two front outer bogie wheels making sure the bolt is tight.
4. The track may have come off due to insufficient tension. Follow the track tensioning instructions to increase the track tension. Ensure the track tension is equal on both sides. A track tending to momentarily jam during turning is likely too loose.
5. Right the vehicle, and turn the fuel petcock back on before continuing to ride.



Bogie wheels

Fuel Petcock

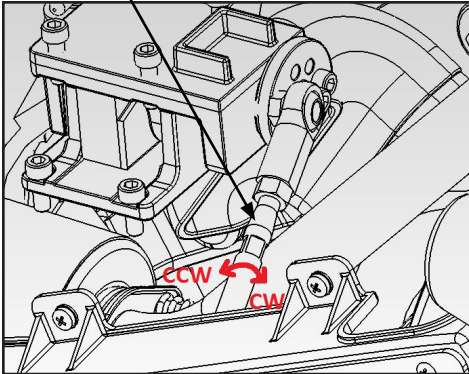


MAINTENANCE

Steering Adjustment

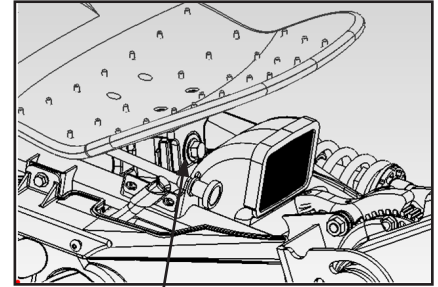
If the DTV pulls to the left or the right when attempting to ride a straight line, adjust the steering connecting rod length to bring it back to centre (first ensure it's not because the deck is being tilted inadvertently while riding). Turn the rod clockwise to shorten it and bias the steering to the left. Turn the rod counter-clockwise to lengthen it and bias the steering to the right.

Steering Adjustment

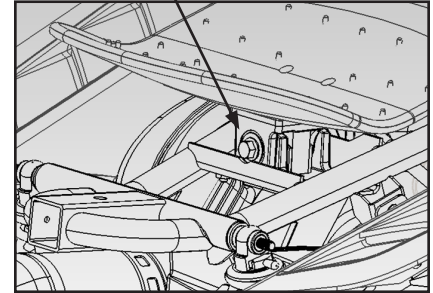


Steering Resistance

Adjusting the deck tilting resistance is accomplished through the pivot bolts. Turning the bolts clockwise will make deck tilt feel stiffer, which is better suited for heavier riders or for more stability at high speeds. Turning the bolts counter-clockwise will make deck tilt easier.



Pivot Bolts

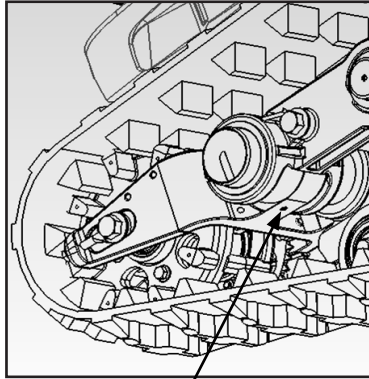


MAINTENANCE

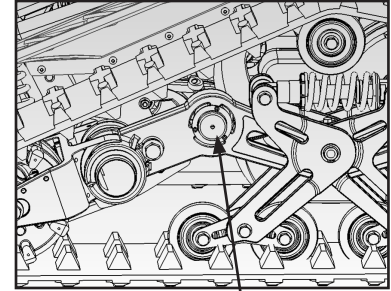
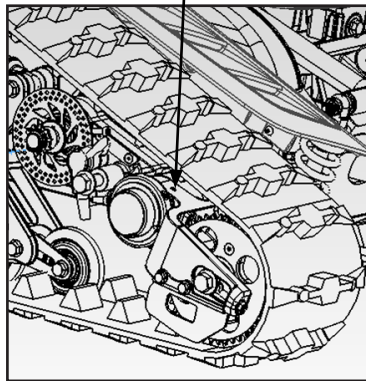
Lubrication Points

Locate the Grease points on the DTV.
Lubricate points periodically. Lubricate more often if riding in wet, sandy or dusty environments.

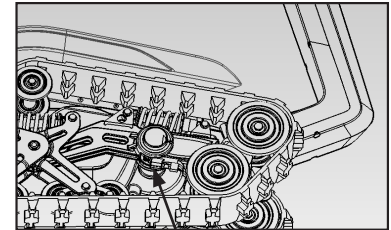
When lubricating the rear swingarm disconnect the shock at the bottom and rotate the swingarm up and down while pumping.



Rear Swing Arm Grease Points



Steering Rod Grease Point



Front Swing Arm Grease point

MAINTENANCE

Fastener Torque Values

FASTNER TYPE	TORQUE VALUE (N-m, kgf-m, lb-ft)
5mm hex bolt and nut	6 Nm, .62 kgf-m , 4.5 lb-ft
6mm hex bolt and nut	10 Nm, 1.04 kgf-m, 7.5 lb-ft
8mm hex bolt and nut	25 Nm, 2.49 kgf-m, 18 lb-ft
10mm hex bolt and nut	50 Nm, 5.12 kgf-m, 37 lb-ft
12mm hex bolt and nut	85 Nm, 8.71 kgf-m, 63 lb-ft
5mm screw	6 Nm, .62 kgf-m , 4.5 lb-ft
6mm screw	10 Nm, 1.04 kgf-m, 7.5 lb-ft
8mm screw	25 Nm, 2.49 kgf-m, 18 lb-ft

Fig .1

MAINTENANCE

Storage

If the DTV is left unused for an extended period of time proper storage maintenance is required.

1. Wash DTV thoroughly, then wax plastics and painted parts with a non abrasive auto wax. Coat rubber parts with a vinyl/ rubber protectant.

Note: Keep water away from air intake and muffler outlet while washing to avoid water from entering the engine and/or components.

2. Drain carburetor by turning Fuel Petcock to the off position and opening the carburetor drain screw. Allow all fuel to drain from the carburetor. Once fuel is drained, re-tighten drain screw.

Note: Make sure to drain fuel in a proper storage container.

3. Fill fuel tank to full with gasoline mixed with fuel stabilizer as recommended by the fuel stabilizer manufacture. Note: Fuel stabilizer can be purchased at most motorcycle shops and auto part stores.

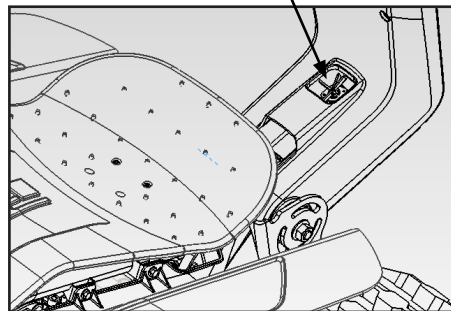
4. Remove spark plug and pour 1 tablespoon of motor oil in the spark plug hole. Re-install spark plug.

5. Pull the Pull Start Cord 3 or 4 times with the Engine Stop Lanyard not attached to allow the oil to coat the inside of the piston housing.

6. Cover the muffler outlet and air intake with oily rags so the DTV will be protected from humidity in storage.

7. If possible, store DTV in a shed or garage with a cover to protect from dust, dirt and humidity. If the DTV must be stored outdoors, cover DTV completely with a good waterproof cover.

Fuel Petcock



Returning to service

1. Wash DTV thoroughly.

Note: Keep water away from air intake and muffler outlet while washing to avoid water from entering the engine and/or components.

2. Remove oily rags from air intake and muffler outlet.

3. Drain engine oil and replace with fresh clean oil as listed in this manual.

4. Review this owner's manual and follow the pre-ride inspection procedures.

5. Start engine by following the starting procedures in this manual.

MAINTENANCE

Washing the DTV

CAUTION

Never wash DTV with a power washer.

High pressure will penetrate bearing and o-ring chain seals which will cause damaged to the DTV.

1. Wash mud and dirt off DTV with low pressure water from a hose.
2. Wash DTV using a mild detergent or car soap using a sponge, soft rag or brush. Do not use any cleaning materials that could scratch the DTV.

Be careful not to allow water to enter the muffler outlet, air filter intake, brake cables or switches.

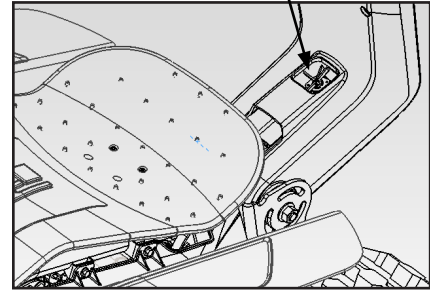
Note:

To reduce the rolling friction of the tracks they should be cleaned and lubricated on the inside after use using a common automotive "tire shine" spray-on product.

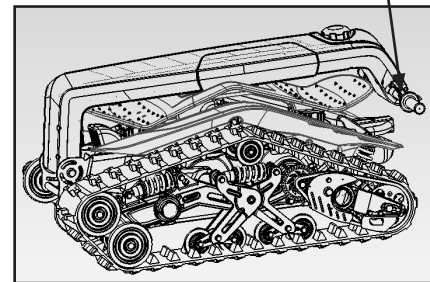
Transporting

1. Make sure Fuel Petcock is turned to the "OFF" position.
2. Fold down DTV handle for storage and transportation.
(use handle lock release lever)

Fuel Petcock



Handle lock release lever



Transport Position

TROUBLESHOOTING

Engine is hard to start or will not start

1. Ensure the fuel tank petcock is in the “ON” position.
2. Ensure the engine kill switch is in the “ON” position.
3. Ensure the emergency engine kill lanyard is securely in place.
4. Ensure the deck is level.
5. Pull the choke forward if starting the engine from cold. Let engine idle for about 2 minutes while it warms up, then push in choke before riding.
6. Depress throttle lever no more than 1/8” (3mm) while attempting to start (electric and pull-start models).
7. If the above are ok, take your DTV to an authorized service station.

If unit is equipped with electric start, all of the above applies, plus:

1. Ensure to keep the deck level while starting

2. If the starter motor does not work check the battery connections are not loose, and the battery is charged.

3. If the above are ok, take your DTV to an authorized service station.

Engine Lacks Power

1. Ensure all connections in the engine air intake system are tight, and the rubber carburetor elbow is not kinked.

Engine suddenly starts revving high

1. Ensure choke knob has been pushed back to ‘off’ position.

Poor Steering Performance

1. Ensure there are no rocks or debris blocking the action of the deck.
2. Make sure that you follow the “Steering Technique” section.

DTV pulls left or right

1. Adjust steering connecting rod (see “Steering Adjustment” section).

SPECIFICATIONS

Engine

Displacement	196cc
Starting	Manual/Electric (if equipped)
Spark Plug Type	NGK BPR5ES
Cooling	Air cooled
Engine Oil Capacity	600 ml (.63qt.) 5w-30 Full Synthetic
Number of Cylinder	Single
Engine type	4-stroke
Horse Power	14hp/6000rpm
Torque	15 ft-lb
Top Speed	40km/h (25mph)

Battery (if equipped)

Type	12V Li-Po
Operating temperature range:	-20C to +55C
Storage conditions:	-5C to +35C, and less than 75% relative humidity

Transmission

Linked dual continuously variable belt transmission.

Suspension

Type	6 Hydraulic shocks
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Braking

Hydraulic	Disk
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Dimensions and Weights

Length:	
Handle down	1150mm (45 in.)
Handle up	1321mm (52 in.)
Width	678mm (27 in.)
Height:	
Handle down	584mm (23 in.)
Handle up	1270mm (50 in.)
Vehicle Wt.	111kg (245lbs)
Weight Cap.	113kg (250lbs)

Fuel

Gas Tank Capacity	3.78L (1 gal.)
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Fuel type

Use premium high-octane fuel due to the high compression ratio. Use 91 on the AKI scale (USA) or 95 on the RON scale (rest of world).

Noise

The A-weighted emission sound pressure level at operating station: 82 dB(A) with uncertainty 3 dB(A).

The A-weighted sound power level emitted by the DTV: 98 dB(A) with uncertainty 3 dB(A).

Vibration

The vibration on handles does not exceed 2.5m/s².

Standards

This product is in conformity with the following European standards:

- EC Machinery Directive (206/42/EC)
- EC EMC Directive (2004/108/EC)
- Applied Harmonized Standards: EN ISO 12100
- CE AOC (attestation of compliance)
#12 12 82909 001

VIN AND ENGINE NUMBER LOCATION

The Vehicle identification number and the engine number are needed when calling for parts, service center help or when registering your DTV. Locate the numbers and list the numbers below for your reference.

The VIN# is located on top of the trailer hitch receptacle.

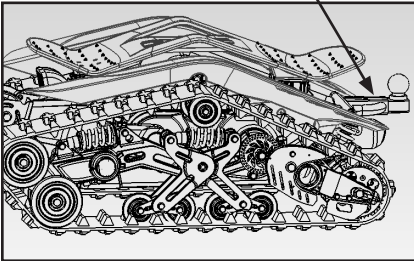
Vehicle Identification Number

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Engine Number

The engine number is located on the front bottom portion of the DTV Engine.

VIN #





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